

Project Name: Tolt Bridge #1834A				Bid Date: May 18, 2006			
Contract Number: C00077C06				Bid Verified: May 18, 2006			
Project Numbers: 200394, R44160, R44161, R44163				Project Length: 0.47 Miles			
Federal Aid No.: BROS-2017(037)							

			King County Engineers Estimate				Wilder Construction Co.		Mowat Construction Co.		Kiewit Pacific Co.	
ITEM No.	STD. ITEM No.	ITEM DESCRIPTION	TOTAL QUANT.	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
		PREPARATION										
1	0001	MOBILIZATION	1	L.S.	LUMP SUM	\$744,858.02	LUMP SUM	\$1,644,000.00	LUMP SUM	\$1,650,000.00	LUMP SUM	\$1,750,000.00
2	0035	CLEARING AND GRUBBING	1	L.S.	LUMP SUM	\$260,700.31	LUMP SUM	\$75,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$50,000.00
3		HAND CLEARING	0.74	ACRE	\$5,000.00	\$3,700.00	\$6,500.00	\$4,810.00	\$10,000.00	\$7,400.00	\$12,000.00	\$8,880.00
4	0050	REMOVAL OF STRUCTURE AND OBSTRUCTION	1	L.S.	LUMP SUM	\$484,157.71	LUMP SUM	\$85,000.00	LUMP SUM	\$75,000.00	LUMP SUM	\$25,000.00
5	0071	REMOVING EXISTING BRIDGE	1	L.S.	LUMP SUM	\$200,000.00	LUMP SUM	\$350,000.00	LUMP SUM	\$400,000.00	LUMP SUM	\$400,000.00
		GRADING										
6	0310	ROADWAY EXCAVATION INCL. HAUL	6,155	C.Y.	\$20.00	\$123,100.00	\$21.00	\$129,255.00	\$16.00	\$98,480.00	\$35.00	\$215,425.00
7		POND EXCAVATION INCL. HAUL	606	C.Y.	\$30.00	\$18,180.00	\$24.00	\$14,544.00	\$16.00	\$9,696.00	\$30.00	\$18,180.00
8		GEOSYNTHETIC CLAY LINER	415	S.Y.	\$20.00	\$8,300.00	\$14.00	\$5,810.00	\$20.00	\$8,300.00	\$16.00	\$6,640.00
9	0431	GRAVEL BORROW INCL. HAUL	12,053	TON	\$25.00	\$301,325.00	\$16.00	\$192,848.00	\$17.00	\$204,901.00	\$16.00	\$192,848.00
10		CONSTRUCTION ACCESS	1	L.S.	LUMP SUM	\$150,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$300,000.00	LUMP SUM	\$280,000.00
11		COMPENSATORY STORAGE EXCAVATION INCL. HAUL	1,326	C.Y.	\$25.00	\$33,150.00	\$20.00	\$26,520.00	\$17.00	\$22,542.00	\$30.00	\$39,780.00
12		RIVERBANK RECONTOURING	\$20,000.00	DOLL.	\$1.00	\$20,000.00		\$20,000.00		\$20,000.00		\$20,000.00
		DRAINAGE										
13	7006	STRUCTURE EXCAVATION CLASS B INCL. HAUL	463	C.Y.	\$25.00	\$11,575.00	\$25.00	\$11,575.00	\$13.00	\$6,019.00	\$60.00	\$27,780.00
14	7008	SHORING OR EXTRA EXCAVATION CLASS B	1440	S.F.	\$6.00	\$8,640.00	\$1.00	\$1,440.00	\$2.00	\$2,880.00	\$1.00	\$1,440.00
15	1030	DITCH EXCAVATION INCL. HAUL	22	C.Y.	\$35.00	\$770.00	\$45.00	\$990.00	\$60.00	\$1,320.00	\$20.00	\$440.00
16		SWALE EXCAVATION INCL. HAUL	778	C.Y.	\$22.00	\$17,116.00	\$22.00	\$17,116.00	\$20.00	\$15,560.00	\$30.00	\$23,340.00
17	7010	GRAVEL BACKFILL FOR TRENCH	165	C.Y.	\$30.00	\$4,950.00	\$40.00	\$6,600.00	\$42.00	\$6,930.00	\$20.00	\$3,300.00
18	1073	LIGHT LOOSE RIPRAP	140	TON	\$50.00	\$7,000.00	\$40.00	\$5,600.00	\$75.00	\$10,500.00	\$100.00	\$14,000.00
19		1-2 FT DIAM. BOULDERS	12	TON	\$100.00	\$1,200.00	\$100.00	\$1,200.00	\$150.00	\$1,800.00	\$160.00	\$1,920.00
20		3 FT DIAM. BOULDERS	10	TON	\$120.00	\$1,200.00	\$110.00	\$1,100.00	\$200.00	\$2,000.00	\$100.00	\$1,000.00
21	1180	SCHEDULE A CULV. PIPE 12 IN. DIAM.	916	L.F.	\$27.00	\$24,732.00	\$25.00	\$22,900.00	\$40.00	\$36,640.00	\$20.00	\$18,320.00
22		DUCTILE IRON CULVERT PIPE 12 IN. DIAM.	271	L.F.	\$60.00	\$16,260.00	\$45.00	\$12,195.00	\$55.00	\$14,905.00	\$34.00	\$9,214.00
23		ALUM. STRUC. PLATE PIPE ARCH 0.075 IN. TH. 49 IN. SPAN	30	L.F.	\$200.00	\$6,000.00	\$210.00	\$6,300.00	\$250.00	\$7,500.00	\$255.00	\$15,750.00
24	3091	CATCH BASIN TYPE 1	2	EACH	\$800.00	\$1,600.00	\$1,400.00	\$2,800.00	\$1,200.00	\$2,400.00	\$1,800.00	\$3,600.00
25	3092	CATCH BASIN TYPE 1L	6	EACH	\$1,000.00	\$6,000.00	\$1,600.00	\$9,600.00	\$1,500.00	\$9,000.00	\$2,000.00	\$12,000.00
26	3105	CATCH BASIN TYPE 2 48 IN. DIAM.	1	EACH	\$1,500.00	\$1,500.00	\$2,700.00	\$2,700.00	\$3,200.00	\$3,200.00	\$3,500.00	\$3,500.00
27	3115	CATCH BASIN TYPE 2 48 IN. DIAM. W/ MANHOLE COVER	1	EACH	\$1,600.00	\$1,600.00	\$3,100.00	\$3,100.00	\$3,600.00	\$3,600.00	\$2,750.00	\$2,750.00
28	9605	CONNECTION TO DRAINAGE STRUCTURE	2	EACH	\$500.00	\$1,000.00	\$1,600.00	\$3,200.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00
29	3100	ADJUST CATCH BASIN	1	EACH	\$300.00	\$300.00	\$450.00	\$450.00	\$500.00	\$500.00	\$500.00	\$500.00
30	1995	TRASH RACK 12 IN. DIAM.	3	EACH	\$400.00	\$1,200.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00
31		COIR LIFT	356	S.F.	\$20.00	\$7,120.00	\$30.00	\$10,680.00	\$27.00	\$9,612.00	\$100.00	\$35,600.00
32		CONCRETE BOX CULVERT FOR TRIBUTARY 2	1	L.S.	LUMP SUM	\$60,000.00	LUMP SUM	\$73,000.00	LUMP SUM	\$90,000.00	LUMP SUM	\$100,000.00
33		V-NOTCH SPREADER	2	EACH	\$2,500.00	\$5,000.00	\$900.00	\$1,800.00	\$1,100.00	\$2,200.00	\$1,200.00	\$2,400.00

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ITEM No.	STD. ITEM No.	ITEM DESCRIPTION	TOTAL QUANT.	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
		STRUCTURE										
34	4006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	163	C.Y.	\$30.00	\$4,890.00	\$24.00	\$3,912.00	\$30.00	\$4,890.00	\$30.00	\$4,890.00
35	4013	SHORING OR EXTRA EXCAVATION CLASS A	1	L.S.	LUMP SUM	\$20,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$5,000.00	LUMP SUM	\$1.00
36	4025	GRAVEL BACKFILL FOR WALL	447	C.Y.	\$35.00	\$15,645.00	\$40.00	\$17,880.00	\$40.00	\$17,880.00	\$25.00	\$11,175.00
37		TEMPORARY TRESTLE	1	L.S.	LUMP SUM	\$408,000.00	LUMP SUM	\$1,110,000.00	LUMP SUM	\$2,000,000.00	LUMP SUM	\$1,850,000.00
38		SOIL EXCAVATION FOR SHAFT INCL. HUAL	2,090	C.Y.	\$850.00	\$1,776,500.00	\$650.00	\$1,358,500.00	\$600.00	\$1,254,000.00	\$500.00	\$1,045,000.00
39		FURNISHING & PLACING TEMP. CASING FOR 6'-2" DIA. SHAFT	792	L.F.	\$150.00	\$118,800.00	\$230.00	\$182,160.00	\$50.00	\$39,600.00	\$50.00	\$39,600.00
40		FURNISHING & PLACING TEMP. CASING FOR 9'-10" DIA. SHAFT	418	L.F.	\$175.00	\$73,150.00	\$450.00	\$188,100.00	\$100.00	\$41,800.00	\$100.00	\$41,800.00
41		FURNISHING & PLACING PERM. CASING FOR 6'-2" DIA. SHAFT	48	L.F.	\$200.00	\$9,600.00	\$650.00	\$31,200.00	\$620.00	\$29,760.00	\$620.00	\$29,760.00
42		FURNISHING & PLACING PERM. CASING FOR 9'-10" DIA. SHAFT	56	L.F.	\$220.00	\$12,320.00	\$910.00	\$50,960.00	\$900.00	\$50,400.00	\$870.00	\$48,720.00
43		CONCRETE CLASS 5000P FOR SHAFT	2,053	C.Y.	\$160.00	\$328,480.00	\$165.00	\$338,745.00	\$125.00	\$256,625.00	\$120.00	\$246,360.00
44		STEEL REINF. BAR FOR SHAFT	578,670	LB.	\$1.20	\$694,404.00	\$1.40	\$810,138.00	\$1.50	\$868,005.00	\$1.10	\$636,537.00
45		CSL ACCESS TUBE	9,728	L.F.	\$5.00	\$48,640.00	\$5.00	\$48,640.00	\$6.00	\$58,368.00	\$5.00	\$48,640.00
46		REMOVING SHAFT OBSTRUCTIONS	\$ 50,000	DOLL.	\$1.00	\$50,000.00		\$50,000.00		\$50,000.00		\$50,000.00
47	4148	EPOXY-COATED STEEL REINF. BAR FOR BRIDGE	1,212	LB.	\$1.30	\$1,575.60	\$1.70	\$2,060.40	\$2.00	\$2,424.00	\$1.40	\$1,696.80
48	4149	STEEL REINF. BAR FOR BRIDGE	167,703	LB.	\$1.20	\$201,243.60	\$1.30	\$218,013.90	\$1.50	\$251,554.50	\$1.10	\$184,473.30
49	4322	CONC. CLASS 5000 FOR BRIDGE	643	C.Y.	\$500.00	\$321,500.00	\$520.00	\$334,360.00	\$600.00	\$385,800.00	\$800.00	\$514,400.00
50	4235	STRUCTURAL LOW ALLOW STEEL	1	L.S.	LUMP SUM	\$4,100,000.00	LUMP SUM	\$4,753,000.00	LUMP SUM	\$4,450,000.00	LUMP SUM	\$5,025,000.00
51	4300	SUPERSTRUCTURE - TOLT BRIDGE # 1834A	1	L.S.	LUMP SUM	\$689,602.05	LUMP SUM	\$975,000.00	LUMP SUM	\$1,100,000.00	LUMP SUM	\$1,750,000.00
52	4311	TRUSS - ROADWAY DECK - TOLT BRIDGE # 1834A	1	L.S.	LUMP SUM	\$820,423.75	LUMP SUM	\$975,000.00	LUMP SUM	\$1,100,000.00	LUMP SUM	\$1,500,000.00
53		BRIDGE RAILING	1,988	L.F.	\$120.00	\$238,560.00	\$135.00	\$268,380.00	\$125.00	\$248,500.00	\$120.00	\$238,560.00
54		BRIDGE DRAIN SYSTEM	1	L.S.	\$13,000.00	\$13,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$30,000.00	LUMP SUM	\$40,000.00
55		BUBBLE CURTAIN	1	L.S.	\$15,000.00	\$15,000.00	LUMP SUM	\$7,000.00	LUMP SUM	\$6,000.00	LUMP SUM	\$5,000.00
		SURFACING										
56	5100	CRUSHED SURFACING BASE COURSE	3,134	TON	\$22.00	\$68,948.00	\$22.00	\$68,948.00	\$21.00	\$65,814.00	\$21.00	\$65,814.00
57	5120	CRUSHED SURFACING TOP COURSE	667	TON	\$23.00	\$15,341.00	\$22.00	\$14,674.00	\$23.00	\$15,341.00	\$22.00	\$14,674.00
		CEMENT CONCRETE PAVEMENT										
58		BRIDGE APPROACH SLAB A	136	S.Y.	\$200.00	\$27,200.00	\$520.00	\$70,720.00	\$450.00	\$61,200.00	\$400.00	\$54,400.00
59		BRIDGE APPROACH SLAB B	232	S.Y.	\$200.00	\$46,400.00	\$280.00	\$64,960.00	\$250.00	\$58,000.00	\$300.00	\$69,600.00
		HOT MIX ASPHALT										
60	5711	PLANING BITUMINOUS PAVEMENT	213	S.Y.	\$15.00	\$3,195.00	\$20.00	\$4,260.00	\$15.00	\$3,195.00	\$15.00	\$3,195.00
61	5767	HOT MIX ASPHALT CLASS 1/2 INCH PG 58 - 22	2,188	TON	\$60.00	\$131,280.00	\$86.00	\$188,168.00	\$82.00	\$179,416.00	\$82.00	\$179,416.00
62	5769	HOT MIX ASPHALT CLASS 1 INCH PG 58 - 22	2,049	TON	\$55.00	\$112,695.00	\$82.00	\$168,018.00	\$78.00	\$159,822.00	\$78.00	\$159,822.00
		EROSION CONTROL & PLANTING										
63	6403	ESC LEAD	485	DAY	\$10.00	\$4,850.00	\$40.00	\$19,400.00	\$100.00	\$48,500.00	\$250.00	\$121,250.00
64	6418	SEEDING - EROSION CONTROL	1	L.S.	LUMP SUM	\$4,000.00	LUMP SUM	\$1,600.00	LUMP SUM	\$1,500.00	LUMP SUM	\$10,000.00
65	6423	FERTILIZING - EROSION CONTROL	1	L.S.	LUMP SUM	\$3,000.00	LUMP SUM	\$1,600.00	LUMP SUM	\$1,500.00	LUMP SUM	\$5,000.00
66	6433	MULCHING - EROSION CONTROL	1	L.S.	LUMP SUM	\$3,000.00	LUMP SUM	\$3,100.00	LUMP SUM	\$3,000.00	LUMP SUM	\$2,500.00
67		SEEDING - WETLAND SEED MIX	0.21	ACRE	\$3,000.00	\$630.00	\$4,400.00	\$924.00	\$4,200.00	\$882.00	\$4,200.00	\$882.00
68		SEEDING - BUFFER SEED MIX	0.08	ACRE	\$3,000.00	\$240.00	\$3,600.00	\$288.00	\$3,500.00	\$280.00	\$3,500.00	\$280.00
69		SEEDING - WETLAND MIX - SHADE TOLERANT	0.16	ACRE	\$3,000.00	\$480.00	\$2,600.00	\$416.00	\$2,500.00	\$400.00	\$2,500.00	\$400.00
70		SEEDING - BUFFER SEED MIX - SHADE TOLERANT	0.29	ACRE	\$3,000.00	\$870.00	\$3,500.00	\$1,015.00	\$3,300.00	\$957.00	\$3,300.00	\$957.00
71		SEEDING - PASTURE GRASS SEED MIX	0.48	ACRE	\$3,000.00	\$1,440.00	\$1,600.00	\$768.00	\$1,500.00	\$720.00	\$1,500.00	\$720.00
72		MULCHING	1.22	ACRE	\$3,000.00	\$3,660.00	\$1,700.00	\$2,074.00	\$1,600.00	\$1,952.00	\$1,600.00	\$1,952.00
73	6438	COMPOST	1,800	C.Y.	\$25.00	\$45,000.00	\$50.00	\$90,000.00	\$45.00	\$81,000.00	\$45.00	\$81,000.00

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74	6454	EROSION CONTROL BLANKET	70	S.Y.	\$10.00	\$700.00	\$6.00	\$420.00	\$3.50	\$245.00	\$11.00	\$770.00
75	6464	PLASTIC COVERING	500	S.Y.	\$3.00	\$1,500.00	\$4.00	\$2,000.00	\$3.00	\$1,500.00	\$6.00	\$3,000.00
76	6463	CHECK DAM	30	L.F.	\$10.00	\$300.00	\$40.00	\$1,200.00	\$25.00	\$750.00	\$100.00	\$3,000.00
77	6468	STABILIZED CONSTRUCTION ENTRANCE	146	S.Y.	\$20.00	\$2,920.00	\$20.00	\$2,920.00	\$35.00	\$5,110.00	\$30.00	\$4,380.00
78	6470	STREET CLEANING	350	HR.	\$100.00	\$35,000.00	\$135.00	\$47,250.00	\$100.00	\$35,000.00	\$100.00	\$35,000.00
79	6471	INLET PROTECTION	14	EACH	\$100.00	\$1,400.00	\$100.00	\$1,400.00	\$80.00	\$1,120.00	\$350.00	\$4,900.00
80	7511	TEMPORARY SEDIMENT TRAP	2	EACH	\$10,000.00	\$20,000.00	\$8,000.00	\$16,000.00	\$1,000.00	\$2,000.00	\$5,000.00	\$10,000.00
81	6373	SILT FENCE	4,567	L.F.	\$4.00	\$18,268.00	\$7.00	\$31,969.00	\$6.00	\$27,402.00	\$5.00	\$22,835.00
82	6478	STRAW BALE	100	EACH	\$30.00	\$3,000.00	\$50.00	\$5,000.00	\$22.00	\$2,200.00	\$3.00	\$300.00
83		FASCINE	763	L.F.	\$5.00	\$3,815.00	\$13.00	\$9,919.00	\$12.00	\$9,156.00	\$12.00	\$9,156.00
84		LIVE STAKES	900	EACH	\$8.00	\$7,200.00	\$5.50	\$4,950.00	\$5.00	\$4,500.00	\$5.00	\$4,500.00
85	6490	EROSION / WATER POLLUTION CONTROL	\$50,000	DOLL.	\$1.00	\$50,000.00		\$50,000.00		\$50,000.00		\$50,000.00
86	6553	BIGLEAF MAPLE	53	EACH	\$40.00	\$2,120.00	\$120.00	\$6,360.00	\$113.00	\$5,989.00	\$113.00	\$5,989.00
87	6553	BLACK COTTONWOOD	272	EACH	\$40.00	\$10,880.00	\$70.00	\$19,040.00	\$68.00	\$18,496.00	\$68.00	\$18,496.00
88	6553	VINE MAPLE	92	EACH	\$60.00	\$5,520.00	\$14.00	\$1,288.00	\$13.00	\$1,196.00	\$13.00	\$1,196.00
89	6553	RED ALDER	107	EACH	\$40.00	\$4,280.00	\$70.00	\$7,490.00	\$68.00	\$7,276.00	\$68.00	\$7,276.00
90	6553	OREGON ASH	65	EACH	\$25.00	\$1,625.00	\$70.00	\$4,550.00	\$68.00	\$4,420.00	\$68.00	\$4,420.00
91	6553	PACIFIC WILLOW	105	EACH	\$8.00	\$840.00	\$9.00	\$945.00	\$8.00	\$840.00	\$8.00	\$840.00
92	6553	RED-OSIER DOGWOOD	170	EACH	\$8.00	\$1,360.00	\$5.00	\$850.00	\$5.00	\$850.00	\$5.00	\$850.00
93	6553	WESTERN CRAB APPLE	25	EACH	\$20.00	\$500.00	\$70.00	\$1,750.00	\$68.00	\$1,700.00	\$68.00	\$1,700.00
94	6553	HAZELNUT	22	EACH	\$40.00	\$880.00	\$7.00	\$154.00	\$6.00	\$132.00	\$6.00	\$132.00
95	6554	SITKA SPRUCE	41	EACH	\$40.00	\$1,640.00	\$120.00	\$4,920.00	\$113.00	\$4,633.00	\$113.00	\$4,633.00
96	6554	WESTERN RED CEDAR	84	EACH	\$40.00	\$3,360.00	\$75.00	\$6,300.00	\$68.00	\$5,712.00	\$68.00	\$5,712.00
97	6554	DOUGLAS FIR	46	EACH	\$100.00	\$4,600.00	\$75.00	\$3,450.00	\$68.00	\$3,128.00	\$68.00	\$3,128.00
98	6554	WESTERN HEMLOCK	4	EACH	\$30.00	\$120.00	\$75.00	\$300.00	\$68.00	\$272.00	\$68.00	\$272.00
99	6556	NOOTKA ROSE	80	EACH	\$12.00	\$960.00	\$6.00	\$480.00	\$5.00	\$400.00	\$5.00	\$400.00
100	6556	NNE BARK	202	EACH	\$12.00	\$2,424.00	\$6.00	\$1,212.00	\$5.00	\$1,010.00	\$5.00	\$1,010.00
101	6556	BLACK TWINBERRY	112	EACH	\$12.00	\$1,344.00	\$6.00	\$672.00	\$5.00	\$560.00	\$5.00	\$560.00
102	6556	SNOWBERRY	327	EACH	\$8.00	\$2,616.00	\$6.00	\$1,962.00	\$5.00	\$1,635.00	\$5.00	\$1,635.00
103	6556	RED ELDERBERRY	101	EACH	\$8.00	\$808.00	\$6.00	\$606.00	\$6.00	\$606.00	\$6.00	\$606.00
104	6556	DEVIL'S CLUB	50	EACH	\$12.00	\$600.00	\$7.00	\$350.00	\$6.00	\$300.00	\$6.00	\$300.00
105	6556	THIMBLEBERRY	171	EACH	\$12.00	\$2,052.00	\$6.00	\$1,026.00	\$5.00	\$855.00	\$5.00	\$855.00
106	6556	SALMONBERRY	715	EACH	\$8.00	\$5,720.00	\$6.00	\$4,290.00	\$5.00	\$3,575.00	\$5.00	\$3,575.00
107	6556	OCEAN SPRAY	103	EACH	\$8.00	\$824.00	\$6.00	\$618.00	\$5.00	\$515.00	\$5.00	\$515.00
108	6556	SERVICEBERRY	76	EACH	\$3.00	\$228.00	\$6.00	\$456.00	\$5.00	\$380.00	\$5.00	\$380.00
109	6557	HARD STEM BULRUSH	90	EACH	\$12.00	\$1,080.00	\$3.00	\$270.00	\$2.50	\$225.00	\$2.50	\$225.00
110	6557	SPATTERDOCK	90	EACH	\$12.00	\$1,080.00	\$11.00	\$990.00	\$10.00	\$900.00	\$10.00	\$900.00
111	6605	PLANT ESTABLISHMENT (\$40,000 MIN.)	0	L.S.	LUMP SUM	\$0.00	LUMP SUM	\$0.00	LUMP SUM	\$0.00	LUMP SUM	\$0.00
112	6583	STRAW MULCH	2,420	S.Y.	\$3.00	\$7,260.00	\$2.00	\$4,840.00	\$1.50	\$3,630.00	\$1.50	\$3,630.00
113		STREAM ISOLATION CURTAIN	125	L.F.	\$10.00	\$1,250.00	\$90.00	\$11,250.00	\$50.00	\$6,250.00	\$30.00	\$3,750.00
114		RELOCATE STREAM ISOLATION CURTAIN	125	L.F.	\$10.00	\$1,250.00	\$50.00	\$6,250.00	\$25.00	\$3,125.00	\$20.00	\$2,500.00
		TRAFFIC										
115	6751	BEAM GUARDRAIL TYPE 1	200	L.F.	\$30.00	\$6,000.00	\$22.00	\$4,400.00	\$22.00	\$4,400.00	\$21.45	\$4,290.00
116	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 1	4	EACH	\$1,500.00	\$6,000.00	\$1,250.00	\$5,000.00	\$1,200.00	\$4,800.00	\$1,215.00	\$4,860.00
117		RAIL END CONNECTION TO THRIE BEAM	4	EACH	\$1,500.00	\$6,000.00	\$1,150.00	\$4,600.00	\$1,200.00	\$4,800.00	\$1,125.00	\$4,500.00
118	6717	BEAM GUARDRAIL NON-FLARED TERMINAL	4	EACH	\$2,000.00	\$8,000.00	\$2,300.00	\$9,200.00	\$2,200.00	\$8,800.00	\$2,210.00	\$8,840.00
119	7440	TEMPORARY IMPACT ATTENUATOR	5	EACH	\$5,000.00	\$25,000.00	\$5,200.00	\$26,000.00	\$500.00	\$2,500.00	\$2,500.00	\$12,500.00
120	6806	PAINT LINE	12,340	L.F.	\$0.50	\$6,170.00	\$0.30	\$3,702.00	\$0.25	\$3,085.00	\$0.25	\$3,085.00
121	6859	PLASTIC STOP LINE	63	L.F.	\$10.00	\$630.00	\$10.00	\$630.00	\$10.00	\$630.00	\$10.00	\$630.00

			King County Engineers Estimate				Wilder Construction Co.		Mowat Construction Co.		Kiewit Pacific Co.	
ITEM No.	STD. ITEM No.	ITEM DESCRIPTION	TOTAL QUANT.	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
122	6884	RAISED PAVEMENT MARKER TYPE 2	1.5	HUND	\$500.00	\$750.00	\$310.00	\$465.00	\$300.00	\$450.00	\$300.00	\$450.00
123	6958	TYPE III BARRICADE	4	EACH	\$200.00	\$800.00	\$160.00	\$640.00	\$250.00	\$1,000.00	\$350.00	\$1,400.00
124	6964	TEMPORARY TRAFFIC CONTROL DEVICES	1	L.S.	\$10,000.00	\$10,000.00	LUMP SUM	\$16,000.00	LUMP SUM	\$5,000.00	LUMP SUM	\$40,000.00
125	6979	TRAFFIC CONTROL LABOR	3,000	HR.	\$35.00	\$105,000.00	\$37.00	\$111,000.00	\$30.00	\$90,000.00	\$5.00	\$15,000.00
126		DETOUR SIGNING	1	L.S.	\$4,000.00	\$4,000.00	LUMP SUM	\$7,000.00	LUMP SUM	\$20,000.00	LUMP SUM	\$25,000.00
127		WORK ZONE SIGNING	1	L.S.	\$1,000.00	\$1,000.00	LUMP SUM	\$30,000.00	LUMP SUM	\$5,000.00	LUMP SUM	\$1,500.00
		OTHER ITEMS										
128	6727	EXTRUDED CURB 3 IN. HIGH	367	L.F.	\$10.00	\$3,670.00	\$5.00	\$1,835.00	\$4.50	\$1,651.50	\$15.00	\$5,505.00
129	6727	EXTRUDED CURB 6 IN. HIGH	796	L.F.	\$10.00	\$7,960.00	\$5.00	\$3,980.00	\$5.00	\$3,980.00	\$18.00	\$14,328.00
130	7018	WATER	20	MGAL	\$50.00	\$1,000.00	\$75.00	\$1,500.00	\$100.00	\$2,000.00	\$15.00	\$300.00
131	7037	STRUCTURE SURVEYING	1	L.S.	\$120,000.00	\$120,000.00	LUMP SUM	\$105,000.00	LUMP SUM	\$50,000.00	LUMP SUM	\$150,000.00
132	7045	MONUMENT CASE AND COVER	7	EACH	\$300.00	\$2,100.00	\$600.00	\$4,200.00	\$300.00	\$2,100.00	\$350.00	\$2,450.00
133	7091	HIGH VISIBILITY FENCING	3,678	L.F.	\$2.00	\$7,356.00	\$4.00	\$14,712.00	\$3.00	\$11,034.00	\$6.00	\$22,068.00
134		STRUCTURE EXCAVATION FOR GABION CRIBBING INCL. HAUL	709	C.Y.	\$40.00	\$28,360.00	\$21.00	\$14,889.00	\$13.00	\$9,217.00	\$25.00	\$17,725.00
135		SHORING OR EXTRA EXCAVATION FOR GABION CRIBBING	1,407	S.F.	\$3.00	\$4,221.00	\$5.00	\$7,035.00	\$4.00	\$5,628.00	\$1.00	\$1,407.00
136	7011	GRAVEL BACKFILL FOR FOUNDATION CLASS A	274	C.Y.	\$40.00	\$10,960.00	\$44.00	\$12,056.00	\$37.00	\$10,138.00	\$35.00	\$9,590.00
137	7150	GABION CRIBBING	630	C.Y.	\$150.00	\$94,500.00	\$135.00	\$85,050.00	\$170.00	\$107,100.00	\$225.00	\$141,750.00
138		GABION CRIBBING PRELOAD	1	L.S.	LUMP SUM	\$12,000.00	LUMP SUM	\$70,000.00	LUMP SUM	\$65,000.00	LUMP SUM	\$35,000.00
139	7530	CONSTRUCTION GEOTEXTILE FOR SEPARATION	873	S.Y.	\$1.25	\$1,091.25	\$2.00	\$1,746.00	\$2.75	\$2,400.75	\$2.50	\$2,182.50
140	7552	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	1,492	S.Y.	\$1.00	\$1,492.00	\$2.00	\$2,984.00	\$3.25	\$4,849.00	\$3.00	\$4,476.00
141	7400	TRAINING	2,000	HR.	\$1.00	\$2,000.00	\$5.00	\$10,000.00	\$4.00	\$8,000.00	\$1.00	\$2,000.00
142	7563	MAILBOX RELOCATION	1	EACH	\$250.00	\$250.00	\$1,200.00	\$1,200.00	\$200.00	\$200.00	\$350.00	\$350.00
143		FLOOD PROTECTION	\$30,000	DOLL.	\$1.00	\$30,000.00		\$30,000.00		\$30,000.00		\$30,000.00
144	7728	MINOR CHANGE	\$50,000	CALC.	\$1.00	\$50,000.00		\$50,000.00		\$50,000.00		\$50,000.00
145	7736	SPCC PLAN	1	L.S.	\$10,000.00	\$10,000.00	LUMP SUM	\$5,000.00	LUMP SUM	\$4,000.00	LUMP SUM	\$2,500.00
146		REMOVE & RELOCATE EXISTING PARK ACCESS GATE	1	L.S.	\$1,000.00	\$1,000.00	LUMP SUM	\$2,600.00	LUMP SUM	\$2,000.00	LUMP SUM	\$1,000.00
147		LOCKING GATE & SUPORT FOUNDATION	1	L.S.	\$2,000.00	\$2,000.00	LUMP SUM	\$2,100.00	LUMP SUM	\$8,000.00	LUMP SUM	\$1,000.00
148		UTILITY CONDUIT INSTALLATION - PSE	1	L.S.	\$41,385.00	\$41,385.00	LUMP SUM	\$75,000.00	LUMP SUM	\$60,000.00	LUMP SUM	\$40,000.00
149		UTILITY CONDUIT INSTALLATION - COMCAST	1	L.S.	\$37,100.00	\$37,100.00	LUMP SUM	\$55,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$50,000.00
150		UTILITY CONDUIT INSTALLATION - CENTURY TEL	1	L.S.	\$37,600.00	\$37,600.00	LUMP SUM	\$55,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$50,000.00
151		UTILITY CONDUIT INSTALLATION - KING COUNTY	1	L.S.	\$36,500.00	\$36,500.00	LUMP SUM	\$95,000.00	LUMP SUM	\$100,000.00	LUMP SUM	\$75,000.00
152	7003	TYPE B PROGRESS SCHEDULE	1	L.S.	\$5,000.00	\$5,000.00	LUMP SUM	\$1,000.00	LUMP SUM	\$5,000.00	LUMP SUM	\$10,000.00

Total\$13,904,016.28\$16,448,836.30\$16,970,826.75\$18,433,594.60

Percentile Difference from the Engineer's Estimate18.3%22.1%32.6%

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